



OWNER'S MANUAL

# KMS-900/KSX-25

## KMS-700/KSX-20

### Karaoke Speaker System

English

Thank you for selecting the Yamaha Karaoke Speaker System.

#### PRECAUTIONS

##### Read this before using the speaker.

- To assure the finest performance, please read this manual carefully. Keep it in a safe place for future reference.
- Install the speaker in a cool, dry, clean place – away from windows, heat sources, sources of excessive vibration, dust, moisture and cold. Avoid sources of humming (transformers, motors). To prevent fire or electrical shock, do not expose the speaker to rain or water.
- To prevent the enclosure from warping or discoloring, do not place the speaker where it will be exposed to direct sunlight or excessive humidity.
- Do not place the following objects on the speaker:  
Glass, china, etc.  
– If glass etc. falls by vibrations and breaks, it may cause personal injury.  
A burning candle etc.  
– If the candle falls by vibrations, it may cause fire and personal injury.  
A vessel with water in it  
– If the vessel falls by vibrations and water spills, it may cause damage to the speaker, and/or you may get an electric shock.
- Do not place the speaker where foreign objects such as water drips might fall. It might cause a fire, damage to the speaker, and/or personal injury.
- Do not place the speaker where it is liable to be knocked over or struck by falling objects. Stable placement will also ensure better sound performance.
- Placing the speaker on the same shelf or rack as the turntable can result in feedback.

#### CONNECTING TO YOUR AMPLIFIER

##### Caution

##### BEFORE MAKING CONNECTIONS, MAKE SURE THAT THE AMPLIFIER IS SWITCHED OFF.

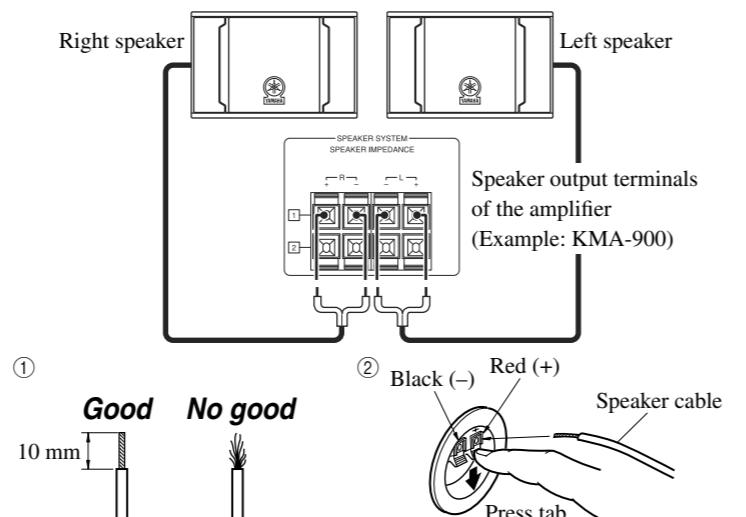
Connect the push-type input terminals at the rear of the speakers to the speaker output terminals of your amplifier with supplied speaker cables. Connect the left speaker to the left (marked L) terminals of your amplifier, and the right speaker to the right (marked R) terminals, making sure not to reverse the polarity (+, -). If one speaker is connected with reversed polarity, the sound will be unnatural and lack bass.

##### Procedures:

- ① Remove approx. 10 mm insulation from the speaker cable (figure ①).
- ② Press the tab on the terminal down and then insert the bare wire end properly into the terminal hole (figure ②).
- ③ Remove your finger from the tab to allow it to lock snugly on the cable's wire end.
- ④ Test the security of the connection by tugging lightly on the cable at the terminal.

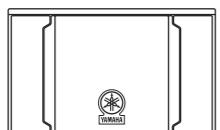
##### Note

**Do not let the bare speaker wires touch each other as this could damage the speaker and/or the amplifier.**



#### PLACING THE SPEAKER

This speaker system is designed for use in a side long way. Place the speaker as shown below.



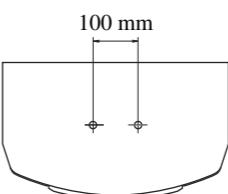
##### Note

Though this speaker system is a magnetic shielding type, there may be an influence on TV picture according to the type of TV or the placement of the speakers. In such a case, place the speakers apart from the TV so that there is no influence on TV picture.

#### MOUNTING THIS SPEAKER SYSTEM TO A CEILING

##### Caution

- The required length of a screw differs depending on the mounting bracket to be used. Select a screw which is suitable for use with the mounting bracket and can be fully inserted into the hole on the speaker.
- As this product is heavy, do not attach them to thin plywoods or soft wall surface materials, as the screws may tear free from flimsy surfaces, causing the speakers to fall and be damaged, or result in personal injury.
- Do not fasten the speakers to the ceiling with nails, adhesives, or other unsound hardware. Long-term use and vibrations may cause them to pull free.
- To avoid accidents resulting from tripping over loose speaker cables, fix these to the wall along with the speakers.

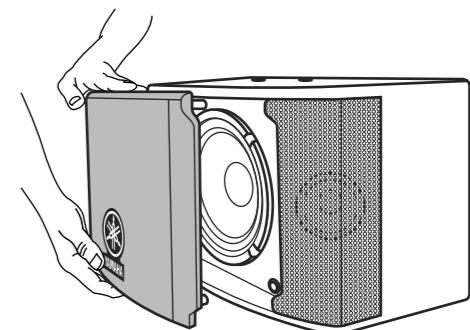


#### REMOVING THE FRONT COVER

The front cover is fastened to the enclosure at four points, and can be removed if desired. To remove the cover, hold on to both sides and slowly pull straight away from the speaker. To reattach, line up the four pegs on the inside surface of the cover with the four corresponding holes on the speaker and push gently.

##### Notes

- When the cover is removed, take care not to touch the speaker units with your hands or to exert excessive force with tools.
- This bass-reflex type speaker has an opening on the front side. Be careful not to obstruct the opening or put some objects into it. If doing so, the sound will be unnatural or it may cause damage to the speaker and/or amplifier.



#### SPECIFICATIONS

Type....	2-way 3-speaker bass reflex speaker system	Rated input power	Weight
	Magnetic shielding type	<KMS-900/KSX-25> ..... 150 W	<KMS-900/KSX-25> ..... 11.7 kg
Driver		<KMS-700/KSX-20> ..... 80 W	<KMS-700/KSX-20> ..... 8 kg
<KMS-900/KSX-25>		Maximum input power	• Specifications are subject to change without notice due to product improvements.
..... 77 mm cone type tweeter x 2		<KMS-900/KSX-25> ..... 450 W	• Care should be taken not to exceed the input power values noted above.
256 mm cone type woofer		<KMS-700/KSX-20> ..... 240 W	
<KMS-700/KSX-20>		Crossover frequency	
..... 77 mm cone type tweeter x 2		<KMS-900/KSX-25> ..... 2.5 kHz, 15 kHz	
206 mm cone type woofer		<KMS-700/KSX-20> ..... 2.6 kHz, 15 kHz	
Impedance	..... 8 (ohm)	Dimensions (W x H x D)	
Frequency response		<KMS-900/KSX-25>	
<KMS-900/KSX-25>		..... 499 x 320 x 303 mm	
..... 55 Hz to 20 kHz (-10 dB)		<KMS-700/KSX-20>	
<KMS-700/KSX-20>		..... 450 x 265 x 266 mm	
..... 60 Hz to 20 kHz (-10 dB)			

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2. The product is guaranteed to be free from defects in workmanship or materials for a period of two years from the date of the original purchase. Yamaha undertakes, subject to the conditions listed below, to have the faulty product or any part(s) repaired, or replaced at Yamaha's discretion, without any charge for parts or labour. Yamaha reserves the right to replace a product with that of a similar kind and/or value and condition, where a model has been discontinued or is considered uneconomic to repair.
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6. Where the guarantee differs between the country of purchase and the country of use of the product, the guarantee of the country of use shall apply.
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8. Please backup any custom settings or data, as Yamaha may not be held responsible for any alteration or loss to such settings or data.
9. This guarantee does not affect the consumer's statutory rights under applicable national laws in force or the consumer's rights against the dealer arising from their sales/purchase contract.



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